

INDIANA DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF RECLAMATION

COMPLIANCE INSPECTION REPORT

Inspector Name Timothy A. Corn Date of Inspection 01/15/2014 Time 02:20 PM  
Unit # 417 County Pike Date of Last Inspection 12/05/2013  
Status R Weather/Ground Conditions 30°F Overcast; Ground Part Frozen  
Inspection Type: C (P, C, PC) [                    ]  
Operation Type: X Surface            Processing            Exploration            Underground  
Is This Inspection For Last Month? (Y/N) N

Mines/Permits with this Unit:

X S-354 Peabody Midwest Mining, LLC - Somerville East Mine

INSPECTION CHECKLIST: Indicate compliance code for items checked. Items marked (S) were satisfactory. For any items marked (X), provide a narrative to support this determination. Items marked (NA) are not applicable to this inspectable unit.

- |           |                                                                                  |
|-----------|----------------------------------------------------------------------------------|
| <u>S</u>  | 1. Areas Permitted, Bonded, or Unsuitable.                                       |
| <u>S</u>  | 2. Signs and Markers, Survey Corner Markers.                                     |
| <u>NA</u> | 3. Operations, Coal Recovery, and Cessation of Operations.                       |
| <u>X</u>  | 4. Backfilling and Grading, Contemporaneous Reclamation.                         |
| <u>NA</u> | 5. Topsoil, Alternate Material, and Prime Farmland Handling.                     |
| <u>X</u>  | 6. Revegetation/Rills and Gullies, and Slides.                                   |
| <u>X</u>  | 7. Post-Mining Land Use, Fish and Wildlife Mitigation.                           |
| <u>X</u>  | 8. Hydrologic Balance.                                                           |
| <u>NA</u> | 9. Disposal of Coal/Non-Coal Waste, and Excess Spoil.                            |
| <u>NA</u> | 10. Auguring, Processing, and Steep Slopes.                                      |
| <u>NA</u> | 11. Transportation and Support Facilities - Utility Install.                     |
| <u>NA</u> | 12. Casing/Sealing Exposed Underground Openings.                                 |
| <u>NA</u> | 13. Subsidence Control Prevention.                                               |
| <u>S</u>  | 14. Liability Insurance Expires <u>11/01/2014</u>                                |
| <u>NA</u> | 15. Bond Release Information.                                                    |
| <u>X</u>  | 16. Other Permit and Site Conditions: <u>NPDES #ING0040206; Water Monitoring</u> |
| <u>S</u>  | 17. Off-Site Impacts Noted (Y/N) <u>N</u> .                                      |
- (If yes, attach off-site impact form as COVER to this inspection.)

\*\*\*\*\*  
Responsible Official & Address: Copy Issued To:

Mr. Rich Montgomery  
UMI, LLC  
P.O. Box 400  
Huntingburg, IN 47542

Not Issued on Site  
CC: Peabody Midwest Mining, LLC  
7100 Eagle Crest Blvd, Ste 100  
Evansville, IN 47715

Signature: *Timothy A. Corn*  
Authorized Representative  
Division of Reclamation

Date: January 15, 2014

COMPLIANCE INSPECTION REPORT

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Permittee Peabody Midwest Mining, LLC  
Mine Somerville East Mine

Signature of Co. Rep. Not Completed on Site

Unit # 417 County Pike

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COMMENTS:

4. Backfilling and Grading, Contemporaneous Reclamation.

The terrace's western portion that connected Triad's pond to the final cut has been reclaimed.

6. Revegetation/Rills and Gullies, and Slides.

7. Post-Mining Land Use, Fish and Wildlife Mitigation

- A. Land uses and vegetation of the bonded area are similarly established. The understory is stable with orchard grass, perennial rye, white clover, red clover, partridge pea and annuals in the species mix. Spraying phragmites with a chemical treatment has been completed. It will be next spring before it will be possible to find out how successful these efforts are.
- B. The Forest and Wildlife land uses are well vegetated with a mixture of tree and shrub species including various oak sp. (red, white, swamp white, bur), hickory, bald cypress, pecan, walnut, ninebark, sycamore, tulip poplar, sweetgum, dogwood, buttonbush, river birch, maple, pine, persimmon, and others. Some volunteer species are also coming in, including cottonwood, willow, sycamore, maple and black locust. Establishment and growth continues to be good to very good throughout except in a few areas where field mice have eaten through the root collar or where deer have browsed back stem tops.
- C. Wildlife areas are vegetated in the same manner as forest areas. Roosts instead of poisons are still encouraged to help with a natural kind of varmint control. Poisons are not compatible with fish and wildlife values and enforcement action could be at the ready if poisons or their results, especially through the food chain, become evident.

16. Other Permit and Site Conditions: NPDES #ING0040206; Water Monitoring

- A. The lone remaining NPDES point and the watershed it controls have all been phase III released. Therefore, reporting should go to IDEM and not copied to the Division of Reclamation.
- B. Repair to the stream section down gradient from the neighboring S-353 outfall has been completed with repaired slopes, riffle drop structures, self sustaining pools, etc. The repair left a small footprint where it was necessary to apply mulch on a small area at the east end of the stream section. The combination of drops and pools has been tested over the last several days and are holding up well.

Signature

Timothy A. Con

Authorized Representative  
Division of Reclamation

Date January 15, 2014